

Aminopyralid Fact Sheet

The Olympic National Forest proposes to add aminopyralid to its current list of 10 herbicides approved for use on the Forest. Aminopyralid, sold under the product name Milestone, has been designated by the Environmental Protection Agency as a Reduced Risk herbicide. This means that it has been demonstrated to be a lower risk to humans and the environment than other available alternatives.

- Milestone (active ingredient aminopyralid) can be used on areas such as wildlife and habitat management areas, campgrounds, trailheads, trails, roadsides, and around seasonally dry wetlands. In addition, it can be safely applied up to the water's edge, making it ideal for controlling weeds along creeks and streams.
- Milestone (active ingredient aminopyralid) provides weed control at very low rates: 4 to 7 fl. oz. /acre, which translates to approximately 0.2 oz. per gallon of mixed spray. For comparison, other herbicides commonly used on the Forest such as Element 3A (triclopyr) or Aquaneat (glyphosate) are typically mixed using 2 oz. per gallon, or 10 times more product than Milestone.
- Milestone (active ingredient aminopyralid) provides broadleaf weed control with little or no injury to grasses.
- Milestone (active ingredient aminopyralid) can control seeds germinating after the initial application, which reduces the need for re-treatments.
- There is a low risk of weeds developing a resistance to aminopyralid.

Aminopyralid is considered very safe for the environment.

- It has been shown to be essentially non-toxic and poses no risk to birds, fish, wild mammals, honeybees, earthworms, aquatic invertebrates, algae and aquatic plants.
- It is not expected to bioaccumulate in fish tissue.
- It does not convert easily to a gas, which nearly eliminates the potential for vapor drift. As with all herbicides, simple precautions can be taken by the applicator to reduce the potential for spray drift.
- There is a low potential for runoff because only a tiny amount of product is required.
- It degrades quickly (a little over ½ day) in water when exposed to light.

Aminopyralid is considered to have a very low level of risk to the human operator.

- Applicator exposure is minimized because it is applied at a low rate and is essentially non-volatile.
- Milestone (active ingredient aminopyralid) has low toxicity and is classified in toxicity category IV [Caution]. This toxicity category is defined as "practically non-toxic and not an irritant".
- It has a more favorable human health toxicity profile than several other herbicides approved for use on the Forest.
- Acute toxicity data indicate that it has low toxicity via oral, dermal and inhalation routes of exposure.
- It is not a federally Restricted Use Pesticide, meaning no special licensing is required to use this product.